

Amendments to the Specification

Please replace the paragraph beginning on page 16, line 13 through line 21, with the following rewritten paragraph:

[Experimental Results]

Although the water/dodecane solution will not be emulsified even when oscillated with standard ultrasonic oscillation, emulsification can be realized by adding a nonpolar surface-active agent. Ultrasonic waves were generated with the oscillator of 38MHz for emulsification, and, when oscillation was applied, an even emulsified state could be obtained. The particle size (diameter of droplet) of the dodecane, which is the emulsified oil droplet, was $3\mu\text{m}$ at maximum, and Brownian movement in which particles less than $1\mu\text{m}$ move was also observed. When this is stirred for a longer period of time, the particle size can be made uniform even further.